

10/539162

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 02/14777

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/023 H04M1/2745 G06F17/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 85 01814 A (TEXT SCIENCES CORP.) 25 April 1985 (1985-04-25)</p> <p>abstract page 5, line 11 -page 12, line 3; figures 1-5</p> <p style="text-align: center;">— —/—</p>	<p>1-4,7, 11,12, 14,16, 20-23, 25,26, 30,35</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- "T"** later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X"** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y"** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

6 August 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 4 500 955 A (CHANG) 19 February 1985 (1985-02-19)</p> <p>column 1, line 28 - line 41 column 3, line 49 -column 6, line 57 column 7, line 52 -column 8, line 4; figures 1,3</p>	<p>1-4,7, 11,14, 16, 20-23, 25,26, 29,30,35</p>
A	<p>EP 1 035 712 A (NOKIA MOBILE PHONES LTD.) 13 September 2000 (2000-09-13)</p> <p>page 2, line 3 - line 25 page 3, line 30 -page 4, line 23; figures 1-4</p>	<p>1,2,6,7, 13,14, 16,17</p>
A	<p>EP 0 930 760 A (NOKIA MOBILE PHONES LTD.) 21 July 1999 (1999-07-21) page 2, line 28 - line 41 page 7, line 12 - line 25</p>	<p>1,2,6,7, 14,16,17</p>

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Information on patent family members

International Application No

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